REMARKS

The Applicant appreciates the thorough review of the application by the Examiner and the limited rejections of claims on formal grounds without citing any of the many references.

The amendments satisfy the Examiner's requirements. No new matter has been added by the amendments. Reconsideration and allowance are respectfully requested.

The Applicant again traverses the requirement of restriction because the invention is unitary. To the extent that any claim should be searched in any art, all of the claims should be searched in the same art. The Examiner has, for the first time, stated that there would be a serious burden, but has not provided examples. The Applicant notes that claims which do not distinguish single from multiple substrates "read on Figure 5" and the species shown in Figure 5.

The Applicant has described the invention with text, drawings and interrelated reference numerals in a provisional application sufficient to comply with the requirements of 35 U.S.C. 112 and traverses the Examiner's holding. The point in moot, however, since no art has been cited.

The claim objection, as between dependent claim 137 and independent claim 177, is untenable. The Patent Laws encourage casting claims in many forms.

Claims 109, 110, 111, 117, 120, 128 and 133 have been amended to overcome the formal objections. The objection to "the chambers" at line 3 of claim 120 is not understood. Those words are not found.

No new matter is presented by the amendments.

Claims 128-135 should be allowed because they are different and therefore distinct from claims in U.S. Patent Application No. 09/881,091, which is co-pending and is owned by the same Applicant. Therefore, it is not available as a 35 U.S.C. 103 reference.

The Applicant traverses the Examiner's citing of "conventionally" and "conventional steps" without citing art.

Applicant has presented a novel, unique and non-obvious invention.

CONCLUSION

Reconsideration and allowance are respectfully requested.

Respectfully,

James C. Wray, Reg. No. 22,693

Meera P. Narasimhan, Reg. No. 40,252 Matthew J. Laskoski, Reg. No. 55,360

1493 Chain Bridge Road, Suite 300

McLean, Virginia 22101

Tel: (703) 442-4800 Fax: (703) 448-7397

Date: December 6, 2004